

# TEST REPORT

**Product Name** : Camera Hub G5 Pro (PoE)

**Model Number** : CH-C03E, CH-C03D

**Prepared for** : Lumi United Technology Co., Ltd  
**Address** : Room801-804, Building 1, Chongwen Park, Nanshan iPark,  
No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan  
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**Report Number** : EDG2411110223E01101R  
**Date(s) of Tests** : Nov 11, 2024 to Nov 28, 2024  
**Date of issue** : Nov 29,2024



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## TEST REPORT DESCRIPTION

Applicant : Lumi United Technology Co., Ltd  
Room801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China

Manufacturer : Lumi United Technology Co., Ltd  
Room801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China

Trade Mark : Aqara

EUT : Camera Hub G5 Pro (PoE)

Model Number : CH-C03E, CH-C03D

Power Supply : PoE Input:48V $\pm$  0.27A  
USB-C Input:5V $\pm$  2A

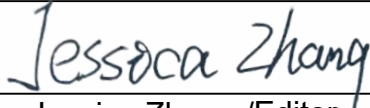
## Test Procedure Used:


APPLICABLE STANDARDS	
STANDARD	TEST RESULT
EN 62479: 2010, EN 50663:2017	PASS
AS/NZS 2772.2:2016 Amd 1:2018	PASS


The device described above is tested by EMTEK (DONGGUAN) CO., LTD. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. This report shows the EUT to be technically compliant with the EN 62479: 2010 and EN 50663:2017 requirements. The test results are contained in this report and EMTEK (DONGGUAN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests.

This report applies to above tested sample only and shall not be reproduced in part without written approval of EMTEK (DONGGUAN) CO., LTD.

Date of Test : Nov 11, 2024 to Nov 28, 2024

Prepared by :   
Jessica Zhang /Editor

Reviewer :   
Warren Deng /Supervisor

Approve & Authorized Signer :   
Sam Lv / Manager

## Modified Information

Version	Report No.	Revision Date	Summary
	EDG2411110223E01101R	/	Original Report

## 1. GENERAL INFORMATION

### 1.1 DESCRIPTION OF DEVICE (EUT)

EUT	: Camera Hub G5 Pro (PoE)
Model Number	: CH-C03E, CH-C03D All models are the same, except the model name and sale channels. Here, CH-C03E is selected to test all the test items. Each model has two color, white and graphite-grey.
Power supply	: PoE Input: 48V $\overline{=}$ 0.27A USB-C Input: 5V $\overline{=}$ 2A
Applicant	: Lumi United Technology Co., Ltd
Address	: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China
Manufacturer	: Lumi United Technology Co., Ltd
Address	: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China
Date of Test	: Nov 11, 2024 to Nov 28, 2024

*Note: for more details, please refer to the User's manual of the EUT.*

## 1.2 TEST FACILITY

### Site Description

EMC Lab.

: **Accredited by CNAS**

The Laboratory has been assessed and proved to be in compliance with  
CNAS-CL01:2018

The Certificate Registration Number is L3150

**Accredited by FCC**

Designation Number: CN1300

Test Firm Registration Number: 945551

**Accredited by A2LA**

The Certificate Registration Number is 4321.02

**Accredited by Industry Canada**

The Certificate Registration Number is CN0113

Name of Firm

: EMTEK (DONGGUAN) CO., LTD.

Site Location

: Room 111&112, Building 8, -1&2/F., Office Building2, Zone A, Zhongda  
Marine Biotechnology Research and Development Base, No.9, Xincheng  
Avenue, Songshan Lake High-Tech Industrial Development Zone,  
Dongguan, Guangdong, China

## 2. GENERAL PRODUCT INFORMATION

### 2.1 Product Function and Intended Use

The submitted sample is wireless transceiver includes transmitter and receiver.

### 2.2 Ratings and System Details

	Transceiver
Frequency Range:	2405-2480 MHz
Modulation:	O-QPSK
Number of Channels:	16 channels
Antenna:	PIFA
Antenna Gain:	0.32 dBi
Transmit Power(MAX):	6.09 dBm

### 3. TEST RESULTS

#### 3.1 Compliance criteria

MAX power: 4.064 mW,

Result:	Pass
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From results of report EDG2411110223E01102R can be assumed that the compliance criteria is Fulfilled (max radiated power is less than 20mW, MAX power : 4.064 mW). The assumption is made with an uncertainty of 3%.

\*EN 62479:2010 4.1(D) & 4.2

Measurements or calculations show that available antenna power and/or the average total radiated power are below the low-power exclusion level defined in 4.2 (P max: 20mW)

\*\*\* End of Report \*\*\*



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